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PTO/SB/05 (11-00)

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12/31/01

JCS 62 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 15685P129

First Inventor Elvino S. Sousa, et al.

Title Coordinated Hopping in Wireless Networks Using Adaptive Antenna Arrays

Express Mail Label No. EJ201091082US



10/037362

12/31/01

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification *[Total Pages 42]*
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) *[Total Sheets 6]*
- Oath or Declaration *[Total Pages ]*
  - Newly executed (original or copy)
  - Copy from a prior application (37 C.F.R. § 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. § 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Express Mail Certificate

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No:

Prior application Information: Examiner \_\_\_\_\_ Not yet assigned \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS



08791

PATENT TRADEMARK OFFICE

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below Customer Number of Bar Code Label

Name	Gordon R. Lindeen III			
	Blakely, Sokoloff, Taylor & Zafman LLP			
Address	12400 Wilshire Boulevard, Seventh Floor			
City	Los Angeles	State	California	Zip Code
Country	USA	Telephone	(303) 740-1980	Fax
Name (Print/Type)		Registration No. (Attorney/Agent)		33,192
Signature				Date 12/31/01

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U S Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 1,958.00)

## Complete if Known

Application Number	Not yet assigned
Filing Date	December 31, 2001
First Named Inventor	Elvino S. Sousa
Examiner Name	Not yet assigned
Group/Art Unit	
Attorney Docket No.	15685P129

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-2666**Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP** Charge Any Additional Fee(s) Required  
Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20 Applicant claims small entity status  
See 37 CFR 1.272.  Payment Enclosed: Check     Credit card     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)		(\$)			740.00

## 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	
69	7	20**	= 49	X 18.00 = \$882.00
		3**	= 4	X 84.00 = \$336.00

Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple Dependent claim, if not paid	
109	84	209	42	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)			1,218.00

\*\*or number previously paid, if greater, For Reissues, see below

## 3. ADDITIONAL FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
105	130	205	65 Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet.
139	130	139	130 Non-English specification
147	2,520	147	2,520 For filing a request for <i>ex parte</i> reexamination
112	920*	112	920*Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	400	216	200 Extension for reply within second month
117	920	217	460 Extension for reply within third month
118	1,440	218	720 Extension for reply within fourth month
128	1,960	228	980 Extension for reply within fifth month
119	320	219	160 Notice of Appeal
120	320	220	160 Filing a brief in support of an appeal
121	280	221	140 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,280	241	640 Petition to revive - unintentional
142	1,280	242	640 Utility issue fee (or reissue)
143	460	243	230 Design issue fee
144	620	244	310 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Prospecting fee under 37 CFR 1.17(q)
126	180	126	180 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370 Request for Continued Examination (RCE)
169	900	169	900 Request for expedited examination of a design application
Other fee (specify)			
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Gordon R. Lindeen III	Registration No. (Attorney/Agent)	33,192	Telephone	(303) 740-1980
Signature				Date	12/31/01

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.**

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**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Elvino S. Sousa
Title	Coordinated Hopping in Wireless Networks Using Adaptive Antenna Arrays
Attorney Docket Number	15685P129

I hereby certify that the invention disclosed in the attached application **has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.** I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12/31/11

Date



Signature

Gordon R. Lindeen III, Reg. No. 33,192

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.**

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 112(b)(B)(iii)).**

Serial/Patent No.: \_\_\_\_\_

Filing/Issue Date: Concurrently Herewith

Client: Absys Comm, Inc.

Title: Coordinated Hopping in Wireless Networks Using Adaptive Antenna Arrays

BSTZ File No.: 0151685P129

Atty/Secty Initials: GRL/AXF/amw

Date Mailed: 12/31/01

Docket Due Date: \_\_\_\_\_

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (\_\_\_\_ pgs.)       Express Mail No.: EJ201091082US       Check No. 2177  
 Appeal Brief (\_\_\_\_ pgs.) (in triplicate)       \_\_\_\_\_ Month(s) Extension of Time      Amt: 1958.00  
 Application - Utility (42 pgs., with cover and abstract)       Information Disclosure Statement & PTO-144 (\_\_\_\_ pgs.)       Check No. \_\_\_\_\_  
 Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)       Issue Fee Transmittal  
 Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)       Notice of Appeal  
 Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)       Petition for Extension of Time  
 Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)       Petition for \_\_\_\_\_  
 Application - Design (\_\_\_\_ pgs.)       Postcard  
 Application - PCT (\_\_\_\_ pgs.)       Power of Attorney (\_\_\_\_ pgs.)  
 Application - Provisional (\_\_\_\_ pgs.)       Preliminary Amendment (\_\_\_\_ pgs.)  
 Assignment and Cover Sheet       Reply Brief (\_\_\_\_ pgs.)  
 Certificate of Mailing       Response to Notice of Missing Parts  
 Declaration & POA (\_\_\_\_ pgs.)       Small Entity Declaration for Indep. Inventor/Small Business  
 Disclosure Docs & Orig & Cpy of Inventor's Signed Letter (\_\_\_\_ pgs.)       Transmittal Letter, in duplicate  
 Drawings: 6 # of sheets includes 6 figures       Fee Transmittal, in duplicate

Other: Request and Certification form, Express mail  
Certificate

EJ201091082US

"Express Mail" mailing label number: EJ201091082US

Date of Deposit: 12/31/01

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner of Patents and Trademarks, Washington, D. C. 20231

(Typed or printed name of person mailing paper or fee)  
April Worley

(Signature of person mailing paper or fee)  
April Worley

(Date signed)  
12/31/01